

ISIP017US

SPECIFICATION AMENDMENTS

Please replace paragraph 91, which examiner indicates lacks a space between "means" and "644," with the following amended paragraph:

5 | [0091] The present invention utilizes as x-ray source means\_644, preferably, but without limitation, a Kevex model 5039S X-ray source which generates up to 50 keV electrons at 1.0 mA. The resulting Bremsstrahlung radiation from a tungsten target generates the primary x-ray beam from the source. The input x-ray  
10 | flux must have sufficient energy and intensity to excite the metal ions captured in the pre-concentration cell 100 to fluoresce in order for detection to take place. Alternatively, the present invention could also utilize as x-ray source means 644 , a sealed x-ray source, obtainable from vendors such as  
15 | Isotope Sciences of Canoga Park, California. The advantage of sealed sources is that they do not require power inputs from external sources. Similarly, any other type of x-ray source means 644 known in the art or which may become known in the art, which meets the functional requirements specified herein, is also  
20 | suitable for use within the scope of this disclosure and its associated claims.